

Emerging Data Needs for Nuclear Physics

Saturday, October 29

Session 1 (2:30-4:00pm) Introduction & Goals

Afternoon Break (4:00-4:30pm)

Session 2 (4:30-6:00pm) Nuclear Data I: Experiments

Working Opening Reception (6:00pm-???)

Sunday, October 30

Session 3 (9:00-10:30am) Nuclear Data II: Storage/Dissemination

Morning Break (10:30-11:00am)

Session 4 (11:00am-12:30pm) Nuclear Data III: Evaluation

Lunch (12:30-1:30pm)

Session 5 (1:30-3:00pm) Nuclear Structure

Afternoon Break (3:00-3:30pm)

Session 6 (3:30-5:00pm) Nuclear Applications & Close

Working Closing Reception (optional ???)

Speakers

Boris Pritychenko	NNDC: The National Nuclear Data Center
Richard Cyburt	JINA: The Joint Institute for Nuclear Astrophysics
James Vary	Opportunities for Theoretical Nuclear Data
Jorge Pieria	Measurement of beta-decay half lives and beta-delayed neutron branching for neutron-rich nuclei
Shamsuzzoha Basunia	Study of ^{152}Eu and ^{168}Er isotopes using (n,g), (d,p) reactions and statistical G-ray simulation
Aaron Hurst	Thermal neutron capture cross sections of the tungsten isotopes
Filip Kondev	Compilation of current experimental structure papers: XUNDL database and its uses
J. Tuli	A status report on the Nuclear Wallet Cards
Michael Smith	Cloud Computing for Nuclear Data
Alan Chen	Nuclear Astrophysics Data Evaluation and Experiments at McMaster
Peter Moller	An improved nuclear mass model: FRDM (2012)
James Vary (surrogate)	Ab initio nuclear structure theory
Richard Firestone	New Directions in Nuclear Structure Data Evaluation